1   1.   A method of displaying information on a processor-
2   based system comprising:
3   detecting the orientation of a display coupled to
4   said system; and
5   changing a characteristic of the information
6   displayed on said display in response to the detected
7   orientation of the display.

1   2.   The method of claim 1 further including detecting
2   the angle of the display with respect to the rest of the
3   processor-based system and changing the aspect ratio of
4   characters displayed on the display in response to the
5   detected orientation of the display.

1   3.   The method of claim 1 wherein changing a
2   characteristic includes changing the orientation of
3   information displayed on said display.

1   4.   The method of claim 3 including rotating the
2   information displayed on the display approximately 90° in
3   response to a displacement of said display of approximately
4   90°.

1   5.   The method of claim 3 including rotating the
2   information displayed on said display by a approximately

13

3   180° in response to a displacement of said display of

4   approximately 180°.

1   6.   The method of claim 1 wherein changing a

2   characteristic includes automatically changing said

3   characteristic in response to the detection of the

4   orientation of said display.

1   7.   The method of claim 1 wherein changing a

2   characteristic includes selecting a program for operation

3   based on the orientation of the display.

1   8.   The method of claim 1 wherein changing a

2   characteristic includes utilizing display orientation as a

3   software input command.

1   9.   An article comprising a medium for storing

2   instructions that cause a processor-based system to:

3   detect the orientation of a display coupled to

4   said system; and

5   change a characteristic of the information

6   displayed on the display in response to the detected

7   orientation of the display.

1   10.   The article of claim 9 further storing

2   instructions that cause a processor-based system to detect

3   the angle of the display with respect to the rest of the
4   processor-based system and change the aspect ratio of
5   letters displayed on the display in response to detected
6   orientation of the display.

1   11.   The article of claim 9 further storing
2   instructions that cause a processor-based system to change
3   the orientation of information displayed on the display.

1   12.   The article of claim 11 further storing
2   instructions that cause a processor-based system to rotate
3   the information displayed on the display by approximately
4   90° in response to a displacement of the display of
5   approximately 90°.

1   13.   The article of claim 11 further storing
2   instructions that cause a processor-based system to rotate
3   the information displayed on the display by approximately
4   180° in response to a displacement of the display of
5   approximately 180°.

1   14.   The article of claim 9 further storing
2   instructions that cause a processor-based system to
3   automatically change a characteristic in response to the
4   detection of the orientation of the display.

1   15. The article of claim 9 further storing
2 instructions that cause a processor-based system to select
3 a program for operation based on the orientation of the
4 display.

1   16. The article of claim 9 further storing
2 instructions that cause a processor-based system to use a
3 signal indicative of the orientation of a display as a
4 software input command.

1   17. A processor-based system comprising:
2   a processor;
3   storage coupled to said processor;
4   a circuit that produces a signal indicative of
5 the orientation of the circuit, said circuit coupled to
6 said processor; and
7   software stored on said storage to cause
8 information to be displayed in different formats depending
9 on the orientation of said circuit.

1   18. The system of claim 17 wherein said circuit
2 includes an accelerometer.

1   19. The system of claim 18 wherein said accelerometer
2 senses accelerations in at least two transverse axes.

1   20.   The system of claim 19 wherein said accelerometer
2   senses accelerations along at least three transverse axes.

1   21.   The system of claim 17 further including a
2   display and a housing including a keyboard, said housing
3   hingedly connected to said display.

1   22.   The system of claim 21 wherein said display has a
2   longer and a shorter axis, and said software changes the
3   way information is displayed between a first orientation
4   where information is displayed along the longer axis and a
5   second orientation which information is displayed along the
6   shorter axis.

1   23.   The system of claim 22 wherein information is
2   displayed in one of at least two orientations along the
3   longer axis, each orientation inverted with respect the
4   other.

1   24.   The system of claim 21 wherein said software
2   changes the aspect ratio of information displayed on said
3   display based on the angle of said display with respect to
4   said housing.